- 1. A concentric hopper and burn chamber comprising:
 - a burn chamber in which to combust sulphur, the burn chamber comprising one or more sidewalls, a base, a lid and a gas outlet; and
 - a hopper to hold sulphur to be combusted, the hopper comprising one or more sidewalls, a base and a lid, wherein the sulphur hopper substantially surrounds the burn chamber.
- 2. The concentric hopper and burn chamber of claim 1 further comprising a hatch in the lid of the hopper to permit loading sulphur into the hopper.
- 3. A sulphurous acid generator apparatus comprising:
 - a burn chamber in which to combust sulphur, the burn chamber comprising one or more sidewalls, a base, a lid and a gas outlet;
 - a hopper to hold sulphur to be combusted, the hopper comprising one or more sidewalls, a base and a lid, wherein the sulphur hopper substantially surrounds the burn chamber;
 - a first conduit connected to the gas outlet for conducting sulphur dioxide gas; a second conduit for conducting a stream of water; and
 - means for passively introducing the sulphur gases conducted in the first conduit into the stream of water in the second conduit.
- 4. The sulphurous acid generator of claim 3 further comprising means for substantially eliminating any discharge plume comprises reducing the moisture content of the gases and vapors exiting the apparatus.

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5. A concentric hopper and burn chamber comprising:

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- a burn chamber in which to combust sulphur, the burn chamber comprising one or more sidewalls, a base, a lid and a gas outlet;
- a hopper to hold sulphur to be combusted, the hopper comprising one or more sidewalls,
 a base and a lid, wherein the sulphur hopper substantially surrounds the burn
 chamber; and

a housing adjacent the burn chamber to capture the radiant heat of the burn chamber.

6. A sulphurous acid generator apparatus, wherein the sulphurous acid generator combusts sulphur creating radiant heat of and about the apparatus, the apparatus generating a discharge of gases and/or vapors into the air causing a visible discharge plume, the improvement comprising:

a burn chamber in which to combust sulphur, the burn chamber comprising one or more sidewalls, a base, a lid and a gas outlet;

a hopper to hold sulphur to be combusted, the hopper comprising one or more sidewalls, a base and a lid, wherein the sulphur hopper substantially surrounds the burn chamber; and

means for substantially eliminating any discharge plume.

- 7. The apparatus of claim 6 where the means for substantially eliminating any discharge plume comprises reducing the moisture content of the discharge.
 - 8. The apparatus of claim 6 wherein means for substantially eliminating any discharge plume utilizes the radiant heat created by the apparatus to reduce the moisture content of the discharge.

- 9. The apparatus of claim 6 wherein the means for substantially eliminating any discharge plume comprises a heated housing through which exiting gases and vapor flow.
- 10. The apparatus of claim 9 wherein the housing is heated by radiant heat created by combustion of sulphur in the apparatus.

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